



## SEQUENCE LISTING

<110> Shakkottai, Vikram  
Chandy, K. George  
LaFerla, Frank

<120> SK3-1beta GFP TRANSGENIC MOUSE MODEL FOR SPINOCEREBELLAR  
ATAXIA AND HYPEREXCITABLE BEHAVIOR

<130> 50244/CAB/R2682

<140> US 10/791,316

<141> 2004-03-01

<150> US 60/451,351

<151> 2003-02-28

<160> 8

<170> PatentIn version 3.2

<210> 1

<211> 27

<212> DNA

<213> Artificial

<220>

<223> SK3-1B-specific primer

<400> 1

cctccatctc cactccctct gggaggg

27

<210> 2

<211> 20

<212> DNA

<213> artificial

<220>

<223> SK3-1B-specific primer

<400> 2

cccctcctcc gtcttggggc

20

<210> 3

<211> 25  
<212> DNA  
<213> artificial

<220>  
<223> Forward primer designed to anneal to sequence unique to the  
distinct initial exon of the SK3 transcript

<400> 3  
tggtatggtg atagagaccg agctc 25

<210> 4  
<211> 18  
<212> DNA  
<213> artificial

<220>  
<223> Forward primer designed to anneal to sequence unique to the  
distinct initial exon of an SK3 transcript

<400> 4  
agccccaaga cggaggag 18

<210> 5  
<211> 24  
<212> DNA  
<213> artificial

<220>  
<223> Reverse primer designed to anneal to sequences in the shared exon  
2 of SK3-1B.

<400> 5  
tggacagact gataaggcat ttca 24

<210> 6  
<211> 20  
<212> DNA  
<213> artificial

<220>  
<223> Reverse primer designed to anneal to sequences in the shared exon  
2 of SK3-1B.

<400> 6  
ggccaacgaa aacatggagt

20

<210> 7  
<211> 31  
<212> DNA  
<213> artificial

<220>  
<223> SK3-1B-specific primer

<400> 7  
tgtactcaaa ggactccatg tttcgttg c

31

<210> 8  
<211> 25  
<212> DNA  
<213> artificial

<220>  
<223> SK3-1B-specific primer

<400> 8  
tcccagaggg agtggagatg gagga

25